

ABSTRACT OF THE DISCLOSURE

A system and method for network address translation (NAT) and session management, is for performing address translation and distributing a call to a plurality of call agents with respect to a SIP(Session Initiation Protocol) message in an NAT system, by applying NAT concept to a SIP call initiated at the external public network or the local network. The system and method for network address translation (NAT) and session management includes a plurality of call agents (constituting the local network), interfacing a plurality of the SIP call agents with the NAT block, controlling the NAT block to uniformly distribute a SIP call input from the outside, to the internal SIP call agent. Also, the system and method for network address translation (NAT) and session management, could include more than one call agent for a packet exchange system, by applying the NAT using the SIP to a packet exchange system for supporting VoIP using the SIP in the packet network, and thus much more traffic could be processed.